

APRIL/MAY 2023

**CIM52/BIM52/UIM52 — DATABASE
MANAGEMENT SYSTEM**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. What is the purpose of File Manager?
2. Write down the purpose of diamond and line symbols in ER Diagram.
3. Define Domain.
4. Define Attributes.
5. Provide the use of nvarchar datatype.
6. What is the use of NOTNULL value?
7. Write the syntax of Intersect Operation.
8. Write about Self Join Operation.
9. What does Drop Function does?
10. Define Procedure.

SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) Write about Entity Relationship Model.

Or

- (b) Summarize about Overall System Structure.

12. (a) Why we should not put all attributes in one relation? Explain.

Or

- (b) Explain about Tuple Variables.

13. (a) Write about Insert and Select Command.

Or

- (b) Explain about Grant Privileges.

14. (a) Brief about Union and Union All Operators.

Or

- (b) Explain about Simple and Self Joins.

15. (a) Survey about Function Body.

Or

- (b) Write about PL/SQL Blocks.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Analyze about Mapping Constraints.

17. Describe about Domain Relational Calculus.

18. Discuss on Commit and Rollback.

19. Elaborate on Integrity Constraints.

20. Illustrate about Triggers.

